

ECOLOGY AND ENVIRONMENT, INC.

FIELD INVESTIGATION TEAM

SITE INSPECTION PLAN

US EPA RECORDS CENTER REGION 5



540809

A. GENERAL INFORMATION

SITE: AMPHENOL PRODUCTS CO. PLANT

TDD NO.: RO 5-8510-13

LOCATION: 980 HURRICANE ROAD

U.S. EPA NO.: IND 044587848

FRANKLIN, IN

SSID NO.: —

46131

WSTS NO.: IN0486GAA

PLAN PREPARED BY: CATHY SCHLESINGER

DATE: 3-14-88

APPROVED BY: —

DATE: —

OBJECTIVE (including description of work to be performed): SITE INSPECTION WILL INCLUDE SAMPLING AND VISUAL INSPECTION TO DETERMINE EXTEND OF CONTAMINATION ON SITE. KNOWLEDGABLE PARTIES WILL BE INTERVIEWED ALSO. ~~3~~ ² RESIDENTIAL ~~6~~ MONITORING WELLS AND 10 SOILS WILL BE SAMPLED.

DESIRED REPORT FORM: SI REPORT (2070-13) ✓ HRS REPORT —

OTHER (EXPLAIN) —

PROPOSED DATE OF INVESTIGATION: —

BACKGROUND REVIEW: Complete: — Preliminary: ✓

HRS PRELIMINARY SCORE OF ROUTES: GW 0 SW 0 AIR 0
(NO FIELD WORK)

DIRECT CONTACT 0 FIRE AND EXPLOSION 0

TOTAL PRELIMINARY HRS SCORE VALUE (NO FIELD WORK) 0

PROJECTED HRS SCORE: GW 61.54 SW 6.15 AIR 0
(WITH FIELD WORK)

DIRECT CONTACT 0 FIRE AND EXPLOSION 0

TOTAL PROJECTED HRS SCORE 35.75 with observed release to groundwater, HRS = 44.60

IF NO SAMPLING, EXPLAIN ON PAGE 3.

INSPECTION PRIORITY (BASED ON PROJECTED HRS SCORE): LOW: — MEDIUM: ✓ HIGH: —

B. SITE/WASTE CHARACTERISTICS

WASTE TYPE(S): Liquid ✓ Solid ✓ Sludge — Gas —

CHARACTERISTIC(S): Corrosive — Ignitable — Radioactive — Volatile —

Toxic ✓ Reactive ✓ Unknown — Other (Name) —

APPROXIMATE SIZE OF FACILITY IS ~ 2 ACRES.

FACILITY DESCRIPTION: SITE IS A MANUFACTURER OF ELECTRICAL CONNECTORS + COAXIAL CABLES. ELECTROPLATING WASTES CONTAINING HIGH CONCENTRATIONS OF CYANIDE LEAKED THROUGH FACILITY FLOOR + THROUGH A SEWER PIPE.

Principal Disposal Method (type and location): STORES WASTE WATER WHICH IS TRANSPORTED OFF SITE. UNDERGROUND STORAGE TANK ON SITE.

Unusual Features (dike integrity, power lines, terrain, etc.): 7 FEET OF SOIL AND CONCRETE WAS REMOVED IN '85 WHERE WASTES HAD LEAKED THROUGH FLOOR DOWN INTO SOIL. AN OLD SEWER LINE REMAINS BELOW.

Status: (active, inactive, unknown) INACTIVE. YEARS OF OPERATION FOR ELECTRO PLATING OPERATIONS: 1964 → 12/1983

History: (worker or non-worker injury; complaints from public; previous agency action):

AN ACID SPILL OCCURRED 11-82 AND WAS NEUTRALIZED AND CLEANED UP. IN 1985, MAY-JUNE, AN INTENSIVE CLEANUP OF A LONG-TERM LEAKAGE OF ELECTROPLATING WASTES WAS DONE BY CHEMICAL WASTE MANAGEMENT, INC. 130 TONS OF SOIL AND CONCRETE WERE TRANSPORTED TO ADAMS CENTER, FORT WAYNE. BENDIX IS THE RESPONSIBLE PARTY FOR THIS SPILL. THE CLEANUP WAS DONE VOLUNTARILY.

C. HAZARD EVALUATION

(Use Hazard Evaluation of Chemicals sheets for specific or representative chemicals present.):

WATER COMPANY DETECTED 105 - 473 ppb CYANIDE IN THEIR WELLS, 32 ppb IN THE FINISHED PRODUCT.

VOLATILE ORGANIC COMPOUNDS (TCE + PCE) AS WELL AS CYANIDE WERE FOUND IN THE SOIL UNDER THE PLATING ROOM WHERE SPILL OCCURRED.

VOC LEVELS OF 1,000 - 70,000 ppb FOUND IN SHALLOW GROUND WATER ON PLANT SITE, PARTICULARLY ALONG PLANT SEWER LINE

-STATE BOARD OF HEALTH MEMO 2-21-85

FROM: L. CARTER

TO: E. BOHNER

LEVEL OF PROTECTION: A ___ B ___ C ___ D X

PRE-HRS

Facility name AMPHENOL PRODUCTS CO. PLANT

Location 980 HURRICANE ROAD FRANKLIN, INDIANA

FACILITY DESCRIPTION ALLIED AMPHENOL PRODUCTS, PREVIOUSLY BENDIX
ALLIED CORP. MANUFACTURED ELECTRICAL CONNECTORS & COAXIAL CABLES
UP UNTIL 12-83. WASTES GENERATED WERE CYANIDE CONTAMINATED DUST,
& SOIL & WASTE WATER METAL HYDROXIDE SLUDGE.

AN EXTENSIVE CLEANUP (130 TONS OF SOIL & CONCRETE REMOVED)
AUGUST 85
OCCURRED FOLLOWING A DISCOVERY THAT ELECTROPLATING WASTES HAD
BEEN LEAKING THROUGH THE PLANT FLOOR AND FROM A SEWER LINE.

THERE IS CONCERN THAT THE CLEANUP MAY NOT HAVE BEEN
COMPLETE FOR THE FOLLOWING REASONS:

- 1) THE OLD SEWER LINE WAS LEFT IN PLACE,
- 2) AN UNDERGROUND STORAGE TANK FOR CYANIDE PLATING WASTES
WAS NOT ADDRESSED IN THE SAMPLING & CLEANUP ACTIVITIES,
- AND 3) THE TANK STORAGE AREA WAS NOT DECONTAMINATED.

POTENTIAL SW + GW

Scores: $S_M = 35.75$ ($S_{gw} = 61.54$ $S_{sw} = 6.15$ $S_c = 0$)

$S_{FE} =$

$S_{DC} =$

OBS. RELEASE SW + GW

$S_M = 44.73$ ($S_{gw} = 76.92$ $S_{sw} = 8.39$ $S_c = 0$)

$S_{FE} =$

$S_{DC} =$

Potential SW OBS. RELEASE GW

$S_M = 44.60$ ($S_{gw} = 76.92$ $S_{sw} = 6.15$ $S_c = 0$)

$S_{FE} =$

$S_{DC} =$

Potential GW OBS. RELEASE SW

$S_M = 35.90$ ($S_{gw} = 61.54$ $S_{sw} = 8.39$ $S_c = 0$)

$S_{FE} =$

$S_{DC} =$